

The demand must be filed directly with the competent International Preliminary Examining Authority or, if two or more Authorities are competent, with the one chosen by the applicant. The full name or two-letter code of that Authority may be indicated by the applicant on the line below:  
IPEA/ EP

# PCT

## CHAPTER II

### DEMAND

under Article 31 of the Patent Cooperation Treaty:  
The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty.

For International Preliminary Examining Authority use only	
Identification of IPEA	Date of receipt of DEMAND
<b>Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION</b>	
Applicant's or agent's file reference 61.S3502WO18	
International application No. PCT/IB2004/003186	International filing date (day/month/year) 28 September 2004 (28.09.2004)
(Earliest) Priority date (day/month/year) 30 September 2003 (30.09.2003)	
Title of invention ELECTRIC MOTOR FOR ELECTRIC FAN AND ASSEMBLY METHOD THEREFOR.	
<b>Box No. II APPLICANT(S)</b>	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) SPAL AUTOMOTIVE S.r.l. Via per Carpi, 26/B 42015 CORREGGIO ITALY	
Telephone No.	
Facsimile No.	
Teleprinter No.	
Applicant's registration No. with the Office	
State (that is, country) of nationality: ITALY	State (that is, country) of residence: ITALY
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) SPAGGIARI Alessandro Via Leonardo da Vinci, 8 42015 CORREGGIO ITALY	
State (that is, country) of nationality: ITALY	State (that is, country) of residence: ITALY
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)	
State (that is, country) of nationality: State (that is, country) of residence:	
<input type="checkbox"/> Further applicants are indicated on a continuation sheet.	

**Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**The following person is ☒ agent ☐ common representativeand ☒ has been appointed earlier and represents the applicant(s) also for international preliminary examination.☐ is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked.☐ is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.Name and address: (Family name followed by given name; for a legal entity, full official designation.  
The address must include postal code and name of country.)LANZONI Luciano  
c/o BUGNION S.p.A.  
Via Goito, 18  
40126 BOLOGNA  
ITALY

Telephone No.

051 6583311

Facsimile No.

051 6583400

Teleprinter No.

Agent's registration No. with the Office

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.**Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION****Statement concerning amendments:\***

1. The applicant wishes the international preliminary examination to start on the basis of:

☒ the international application as originally filedthe description ☒ as originally filed☐ as amended under Article 34the claims ☒ as originally filed☐ as amended under Article 19 (together with any accompanying statement)☐ as amended under Article 34the drawings ☒ as originally filed☐ as amended under Article 342. ☐ The applicant wishes any amendment to the claims under Article 19 to be considered as reversed.3. ☐ Where the IPEA wishes to start the international preliminary examination at the same time as the international search in accordance with Rule 69.1(b), the applicant requests the IPEA to postpone the start of the international preliminary examination until the expiration of the applicable time limit under Rule 69.1(d).4. ☐ The applicant expressly wishes the international preliminary examination to start earlier than at the expiration of the applicable time limit under Rule 54bis.1(a).

\* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.

Language for the purposes of international preliminary examination: **ENGLISH**☐ which is the language in which the international application was filed.☒ which is the language of a translation furnished for the purposes of international search.☒ which is the language of publication of the international application.☐ which is the language of the translation (to be) furnished for the purposes of international preliminary examination.**Box No. V ELECTION OF STATES**

The filing of this demand constitutes the election of all Contracting States which are designated and are bound by Chapter II of the PCT.

## Box No. VI CHECK LIST

The demand is accompanied by the following elements, in the language referred to in Box No. IV, for the purposes of international preliminary examination:

- |  |        |
|--|--------|
| 1. translation of international application                              | sheets |
| 2. amendments under Article 34   | sheets |
| 3. copy (or, where required, translation) of amendments under Article 19 | sheets |
| 4. copy (or, where required, translation) of statement under Article 19  | sheets |
| 5. letter  | sheets |
| 6. other (specify)   | sheets |

For International Preliminary Examining Authority use only

received	not received
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

The demand is also accompanied by the item(s) marked below:

- |  |   |
|--|---|
| 1. <input checked="" type="checkbox"/> fee calculation sheet                             | 5. <input type="checkbox"/> statement explaining lack of signature                  |
| 2. <input type="checkbox"/> original separate power of attorney                          | 6. <input type="checkbox"/> sequence listing in electronic form                     |
| 3. <input type="checkbox"/> original general power of attorney                           | 7. <input type="checkbox"/> tables in electronic form related to a sequence listing |
| 4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: | 8. <input type="checkbox"/> other (specify):  |

## Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand).

  
(Luciano LANZONI) - Agent

For International Preliminary Examining Authority use only

1. Date of actual receipt of DEMAND:

2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):

3. ☐ The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply.

☐ The applicant has been informed accordingly.

4. ☐ The date of receipt of the demand is WITHIN the time limit of 19 months from the priority date as extended by virtue of Rule 80.5.

5. ☐ Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.

6. ☐ The date of receipt of the demand is AFTER the expiration of the time limit under Rule 54bis.1(a) and item 7 or 8, below, does not apply.

7. ☐ The date of receipt of the demand is WITHIN the time limit under Rule 54bis.1(a) as extended by virtue of Rule 80.5.

8. ☐ Although the date of receipt of the demand is after the expiration of the time limit under Rule 54bis.1(a), the delay in arrival is EXCUSED pursuant to Rule 82.

For International Bureau use only

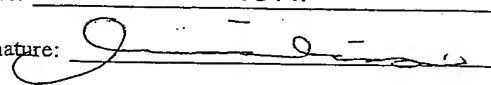
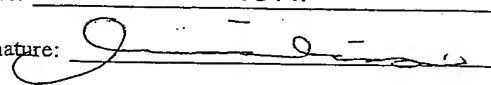
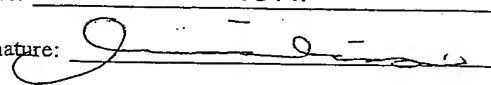
Demand received from IPEA on:

# PCT

## CHAPTER II

### FEE CALCULATION SHEET

Annex to the Demand

<p>International application No. <b>PCT/IB2004/003186</b></p> <p>Applicant's or agent's file reference <b>61.S3502WO18</b></p> <p>Applicant <b>SPAL AUTOMOTIVE S.r.l. et al.</b></p>	<p>For International Preliminary Examining Authority use only</p> <p>Date stamp of the IPEA</p>								
<p><b>CALCULATION OF PRESCRIBED FEES</b></p> <p>1. Preliminary examination fee ..... € 1530.00 <span style="border: 1px solid black; padding: 0 5px;">P</span></p> <p>2. Handling fee (<i>Applicants from certain States are entitled to a reduction of 75% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 25% of the handling fee.</i>) ..... € 129.00 <span style="border: 1px solid black; padding: 0 5px;">H</span></p> <p>3. Total of prescribed fees Add the amounts entered at P and H and enter total in the TOTAL box ..... € 1659.00</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>TOTAL</b> </div>									
<p><b>MODE OF PAYMENT</b></p> <table style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> authorization to charge deposit account with the IPEA (see below)</td> <td><input type="checkbox"/> cash</td> </tr> <tr> <td><input type="checkbox"/> cheque</td> <td><input type="checkbox"/> revenue stamps</td> </tr> <tr> <td><input type="checkbox"/> postal money order</td> <td><input type="checkbox"/> coupons</td> </tr> <tr> <td><input type="checkbox"/> bank draft</td> <td><input type="checkbox"/> other (specify):</td> </tr> </table>		<input checked="" type="checkbox"/> authorization to charge deposit account with the IPEA (see below)	<input type="checkbox"/> cash	<input type="checkbox"/> cheque	<input type="checkbox"/> revenue stamps	<input type="checkbox"/> postal money order	<input type="checkbox"/> coupons	<input type="checkbox"/> bank draft	<input type="checkbox"/> other (specify):
<input checked="" type="checkbox"/> authorization to charge deposit account with the IPEA (see below)	<input type="checkbox"/> cash								
<input type="checkbox"/> cheque	<input type="checkbox"/> revenue stamps								
<input type="checkbox"/> postal money order	<input type="checkbox"/> coupons								
<input type="checkbox"/> bank draft	<input type="checkbox"/> other (specify):								
<p><b>AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT</b> (This mode of payment may not be available at all IPEAs)</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><input checked="" type="checkbox"/> Authorization to charge the total fees indicated above.</p> <p><input checked="" type="checkbox"/> (This check-box may be marked only if the conditions for deposit accounts of the IPEA so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.</p> </td> <td style="width: 50%; vertical-align: top;"> <p>IPEA/ <u>EP</u></p> <p>Deposit Account No.: <u>28070083</u></p> <p>Date: <u>July 29, 2005</u></p> <p>Name: <u>Luciano LANZONI</u></p> <p>Signature: </p> </td> </tr> </table>		<p><input checked="" type="checkbox"/> Authorization to charge the total fees indicated above.</p> <p><input checked="" type="checkbox"/> (This check-box may be marked only if the conditions for deposit accounts of the IPEA so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.</p>	<p>IPEA/ <u>EP</u></p> <p>Deposit Account No.: <u>28070083</u></p> <p>Date: <u>July 29, 2005</u></p> <p>Name: <u>Luciano LANZONI</u></p> <p>Signature: </p>						
<p><input checked="" type="checkbox"/> Authorization to charge the total fees indicated above.</p> <p><input checked="" type="checkbox"/> (This check-box may be marked only if the conditions for deposit accounts of the IPEA so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.</p>	<p>IPEA/ <u>EP</u></p> <p>Deposit Account No.: <u>28070083</u></p> <p>Date: <u>July 29, 2005</u></p> <p>Name: <u>Luciano LANZONI</u></p> <p>Signature: </p>								

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

## PCT

To:

see form PCT/ISA/220

### WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing  
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference  
see form PCT/ISA/220

**FOR FURTHER ACTION**  
See paragraph 2 below

International application No.  
PCT/B2004/003186

International filing date (day/month/year)  
28.09.2004

Priority date (day/month/year)  
30.09.2003

International Patent Classification (IPC) or both national classification and IPC  
H02K5/10, F16J15/06

Applicant  
SPAL S.R.L.

#### 1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☒ Box No. II Priority
- ☒ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

#### 2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

#### 3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



European Patent Office  
D-80298 Munich  
Tel. +49 89 2399 - 0 Tx: 523656 epmu d  
Fax: +49 89 2399 - 4465

Authorized Officer

Flyng, G

Telephone No. +49 89 2399-2697



**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

**30/573186**

International application No.  
PCT/IB2004/003186

**AP20 Rec'd PCT/PTO 23 MAR 2006**

**Box No. I Basis of the opinion**

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
  - ☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
  - a. type of material:
    - ☐ a sequence listing
    - ☐ table(s) related to the sequence listing
  - b. format of material:
    - ☐ in written format
    - ☐ in computer readable form
  - c. time of filing/furnishing:
    - ☐ contained in the international application as filed.
    - ☐ filed together with the international application in computer readable form.
    - ☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/IB2004/003186

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**Box No. II    Priority**

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1. ☒ The following document has not been furnished:

☒ . copy of the earlier application whose priority has been claimed (Rule 43*bis*.1 and 66.7(a)).

☐ translation of the earlier application whose priority has been claimed (Rule 43*bis*.1 and 66.7(b)).

Consequently it has not been possible to consider the validity of the priority claim. This opinion has nevertheless been established on the assumption that the relevant date is the claimed priority date.

2. ☐ This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rules 43*bis*.1 and 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.

3. ☐ It has not been possible to consider the validity of the priority claim because a copy of the priority document was not available to the ISA at the time that the search was conducted (Rule 17.1). This opinion has nevertheless been established on the assumption that the relevant date is the claimed priority date.

4. Additional observations, if necessary:

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/B2004/003186

**Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability**

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

- ☐ the entire international application,
- ☒ claims Nos. 1.1

because:

- ☐ the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (*specify*):
- ☐ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. are so unclear that no meaningful opinion could be formed (*specify*):
- ☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.
- ☒ no international search report has been established for the whole application or for said claims Nos. 1.1
- ☐ the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:
  - the written form ☐ has not been furnished
  - ☐ does not comply with the standard
  - the computer readable form ☐ has not been furnished
  - ☐ does not comply with the standard
- ☐ the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.
- ☐ See separate sheet for further details



**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/IB2004/003186

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**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

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**1. Statement**

Novelty (N)	Yes: Claims	3,5-10
	No: Claims	1,2,4
Inventive step (IS)	Yes: Claims	
	No: Claims	1-10
Industrial applicability (IA)	Yes: Claims	1-10
	No: Claims	

**2. Citations and explanations**

**see separate sheet**

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING  
AUTHORITY (SEPARATE SHEET)**

PCT/IB2004/003186

**Re Item III.**

See Rule 6.2A PCT

**Re Item V.**

- 1 The documents cited in the search report will be referred to using the following reference numbering:  
D1: US 2003/098548 A1 (BOONE NICK ET AL) 29 May 2003 (2003-05-29)  
D2: US-B-6 257 5921 (HASHIZAWA SHIGEMI ET AL) 10 July 2001 (2001-07-10)  
D3: DE 42 35 437 C (GLÖCKLER-DICHTUNGEN GUNTER HEMMRICH GMBH) 2 September 1993 (1993-09-02)  
D4: EP-A-0 500 282 (ISHIKAWA GASKET) 26 August 1992 (1992-08-26)  
D5: EP-A-1 191 262 (DFT MASCHB GMBH) 27 March 2002 (2002-03-27)  
D6: EP-A-1 045 174 (BRIDGESTONE CORP) 18 October 2000 (2000-10-18)  
D7: US-A-6 150 744 (ONISHI YOSUKE) 21 November 2000 (2000-11-21)  
D8: US-A-5 767 596 (KECK ARTHUR C ET AL) 16 June 1998 (1998-06-16)
2. The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claims 1, 2 and 4 is not new in the sense of Article 33(2) PCT. Document D1 discloses a sealing ring suitable for use in sealing a casing of a motor (paragraph [0001]). It is implicit that such a motor would have a rotor and a stator. In the detailed embodiment of D1 the seal is used in a pump. The pump has a pump housing 26 (cup-shaped part) and a cover 50 connected by screws 48 - see figure 6 and paragraph [0022]. The seal 10 is an O-Ring (cf present claim 2) and is inserted into a groove 44 of the housing 26. The seal comprises ribs 18 which act as retaining means for better retention (paragraph [0006]. These ribs operate in conjunction with the inside face of the groove 44 (cf present claim 4). Thus, claims 1, 2 and 4 do not define novel subject-matter, Article 33(2) PCT.
3. Document D2 discloses a sealing ring 10 with integral fixing rings 12 (cf present claims 3 and 8) that are secured over pins 32 of the casing (cf present claim 5) to keep the seal in place. From figure 1C it can be seen that the rings 12 are thinner than the seal (cf present claim 9). D2 does not discuss the relative sizes of the pins

32 and holes 17 but it would be a routine matter to make the holes slightly smaller for a more secure fit (see also document D4). Starting from D1 and seeking an alternative means to retain the seal in place it would seem to be a routine matter to use retaining rings as known from D2. In fitting a seal with such rings to the D1 motor the skilled person would automatically follow the method specified in claim 10. Thus, the subject-matter of apparatus claims 3,5,8 and 9 and of method claim 10 lacks an inventive step, Article 33(3) PCT.

4. Document D3 shows that it is known to use pins with conical heads and thinner shanks to securely hold a seal member. Thus, the subject-matter of claim 6 lacks an inventive step, Article 33(3) PCT.
5. Claim 7 specifies that the securing rings are "close to" the casing fixings. This rather vague and imprecise feature would appear anyway to be a matter of routine construction, not involving an inventive step, Article 33(3) PCT.

## PATENT COOPERATION TREATY

PCT

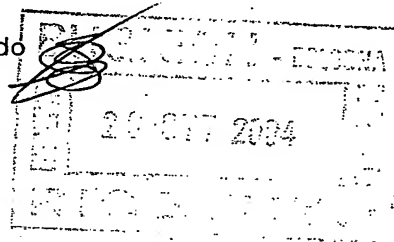
NOTIFICATION OF RECEIPT OF  
RECORD COPY

(PCT Rule 24.2(a))

From the INTERNATIONAL BUREAU

To:

FUOCHI, Riccardo  
Bugnion S.p.A.  
Via Goito, 18  
I-40126 Bologna  
Italy



Date of mailing (day/month/year) 20 October 2004 (20.10.2004)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 61.S3502WO18	International application No. PCT/IB2004/003186

The applicant is hereby notified that the International Bureau has received the record copy of the international application as detailed below.

Name(s) of the applicant(s) and State(s) for which they are applicants:

SPAL S.r.l. (for all designated States except US)

SPAGGIARI, Alessandro (for US)

International filing date : 28 September 2004 (28.09.2004)

Priority date(s) claimed : 30 September 2003 (30.09.2003)

Date of receipt of the record copy  
by the International Bureau : 18 October 2004 (18.10.2004)

List of designated Offices :

AP : BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

EA : AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

EP : AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR

OA : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

National : AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No. (41-22) 338.70.60

Authorized officer:

Nadine GANDY

Telephone No. (41-22) 338 8679

## PATENT COOPERATION TREATY

PCT

NOTIFICATION CONCERNING  
SUBMISSION OR TRANSMITTAL  
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

From the INTERNATIONAL BUREAU

To:

FUOCHI, Riccardo  
Bugnion S.p.A.  
Via Goito, 18  
I-40126 Bologna  
Italy

Date of mailing (day/month/year) 20 October 2004 (20.10.2004)	<b>IMPORTANT NOTIFICATION</b>
Applicant's or agent's file reference 61.S3502WO18	
International application No. PCT/IB2004/003186	
International publication date (day/month/year) Not yet published	
Applicant SPAL S.r.l. et al	International filing date (day/month/year) 28 September 2004 (28.09.2004)  Priority date (day/month/year) 30 September 2003 (30.09.2003)

- By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- (If applicable) The letters "NR" appearing in the right-hand column denote a **priority document which, on the date of mailing of this Form, had not yet been received by the International Bureau** under Rule 17.1(a) or (b). Where, under Rule 17.1(a), the priority document must be submitted by the applicant to the receiving Office or the International Bureau, but the applicant fails to submit the priority document within the applicable time limit under that Rule, **the attention of the applicant is directed to Rule 17.1(c)** which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- (If applicable) An asterisk(\*) appearing next to a date of receipt, in the right-hand column, denotes a **priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b)** (the priority document was received after the time limit prescribed in Rule 17.1(a) or the request to prepare and transmit the priority document was submitted to the receiving Office after the applicable time limit under Rule 17.1(b)). Even though the priority document was not furnished in compliance with Rule 17.1(a) or (b), the International Bureau will nevertheless transmit a copy of the document to the designated Offices, for their consideration. In case such a copy is not accepted by the designated Office as priority document, Rule 17.1(c) provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
30 Sept 2003 (30.09.2003)	BO2003A000563	IT	12 Octo 2004 (12.10.2004)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No: (41-22) 338.70.60	Authorized officer  Nadine GANDY  Telephone No. (41-22) 338 8679
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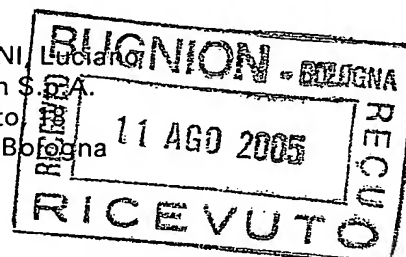
## PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

LANZONI, Luciano  
Bugnion S.p.A.  
Via Goito, 11  
I-40126 Bologna  
ItalyDate of mailing (day/month/year)  
01 August 2005 (01.08.2005)Applicant's or agent's file reference  
61.S3502WO18

## IMPORTANT NOTIFICATION

International application No.  
PCT/IB2004/003186International filing date (day/month/year)  
28 September 2004 (28.09.2004)

## 1. The following indications appeared on record concerning:

☒ the applicant
 ☐ the inventor
 ☐ the agent
 ☐ the common representative

## Name and Address

SPAL S.r.l.  
Via per Carpi, 26/B  
I-42015 Coreggio  
Italy

## State of Nationality

IT

## State of Residence

IT

Telephone No.

Facsimile No.

Teleprinter No.

## 2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person
 ☒ the name
 ☐ the address
 ☐ the nationality
 ☐ the residence

## Name and Address

SPAL AUTOMOTIVE S.r.l.  
Via per Carpi, 26/B  
I-42015 Coreggio  
Italy

## State of Nationality

IT

## State of Residence

IT

Telephone No.

Facsimile No.

Teleprinter No.

## 3. Further observations, if necessary:

## 4. A copy of this notification has been sent to:

☒ the receiving Office
 ☒ the designated Offices concerned  
☐ the International Searching Authority
 ☐ the elected Offices concerned  
☐ the International Preliminary Examining Authority
 ☐ other:
The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geheva 20, Switzerland

Authorized officer

Sandrine MARTINEZ (Fax : 4122 338 70 61)

Facsimile No. (41-22) 338.70.60

Telephone No. (41-22) 338 9741

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

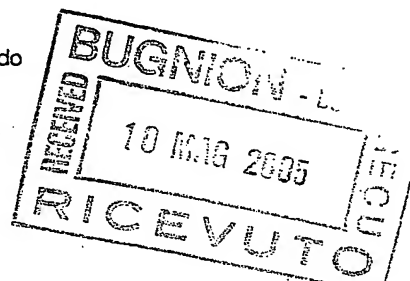
**PCT**

FIRST NOTICE INFORMING THE APPLICANT OF  
THE COMMUNICATION OF THE INTERNATIONAL  
APPLICATION (TO DESIGNATED OFFICES WHICH  
DO NOT APPLY THE 30 MONTH TIME LIMIT  
UNDER ARTICLE 22(1))

(PCT Rule 47.1(c))

To:

FUOCHI, Riccardo  
Bugnion S.p.A.  
Via Goito, 18  
I-40126 Bologna  
ITALIE



Date of mailing (day/month/year)  
06 May 2005 (06.05.2005)

Applicant's or agent's file reference  
61.S3502WO18

IMPORTANT NOTICE

International application No.  
PCT/IB2004/003186

International filing date (day/month/year)  
28 September 2004 (28.09.2004)

Priority date (day/month/year)  
30 September 2003 (30.09.2003)

Applicant

SPAL S.r.l. et al

1. **ATTENTION:** For any designated Office(s), for which the time limit under Article 22(1), as in force from 1 April 2002 (30 months from the priority date), **does apply**, please see Form PCT/IB/308(Second and Supplementary Notice) (to be issued promptly after the expiration of 28 months from the priority date).

2. Notice is hereby given that the following designated Office(s), for which the time limit under Article 22(1), as in force from 1 April 2002, **does not apply**, has/have requested that the communication of the international application, as provided for in Article 20, be effected under Rule 93bis.1. The International Bureau has effected that communication on the date indicated below:  
14 April 2005 (14.04.2005)

CH

In accordance with Rule 47.1(c-bis)(i), those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

3. The following designated Offices, for which the time limit under Article 22(1), as in force from 1 April 2002, **does not apply**, have not requested, as at the time of mailing of the present notice, that the communication of the international application be effected under Rule 93bis.1:

LU, SE, TZ, UG, ZM

In accordance with Rule 47.1(c-bis)(ii), those Offices accept the present notice as conclusive evidence that the Contracting State for which that Office acts as a designated Office does not require the furnishing, under Article 22, by the applicant of a copy of the international application.

**4. TIME LIMITS for entry into the national phase**

For the designated Office(s) listed above, and unless a demand for international preliminary examination has been filed before the expiration of 19 months from the priority date (see Article 39(1)), the applicable time limit for entering the national phase will, **subject to what is said in the following paragraph**, be 20 MONTHS from the priority date.

In practice, time limits other than the 20-month time limit will continue to apply, for various periods of time, in respect of certain of the designated Offices listed above. For regular updates on the applicable time limits (20 or 21 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

It is the applicant's sole responsibility to monitor all these time limits.

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Gabriele Bähr

Facsimile No.+41 22 740 14 35

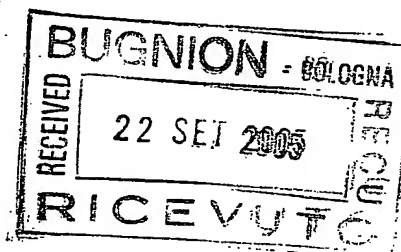
Facsimile No.+41 22 338 70 60

From the INTERNATIONAL BUREAU

**PCT**INFORMATION CONCERNING ELECTED  
OFFICES NOTIFIED OF THEIR ELECTION

(PCT Article 31(7) and Rule 61.3)

To:

LANZONI, Luciano  
Bugnion S.p.A.  
Via Goito, 18  
I-40126 Bologna  
ITALIE

Date of mailing ( <i>day/month/year</i> ) 15 September 2005 (15.09.2005)		
Applicant's or agent's file reference 61.S3502WO18		IMPORTANT INFORMATION
International application No. PCT/IB2004/003186	International filing date ( <i>day/month/year</i> ) 28 September 2004 (28.09.2004)	Priority date ( <i>day/month/year</i> ) 30 September 2003 (30.09.2003)
Applicant SPAL AUTOMOTIVE S.r.l. et al		

- The applicant is hereby informed that the International Bureau has, according to Article 31(7), notified each of the following Offices of its election:  
**EP:** AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR  
**National:** BG, CA, CN, CZ, DE, JP, KP, KR, MN, NO, PL, RO, RU, SK, US
- The following Offices have waived the requirement for the notification of their election; the notification will be sent to them by the International Bureau only upon their request:  
**AP:** BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW  
**EA:** AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
**OA:** BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
**National:** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BR, BW, BY, BZ, CH, CO, CR, CU, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MW, MX, MZ, NA, NI, NZ, OM, PG, PH, PT, SC, SD, SE, SG, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
- Since the election(s) was (were) made after the expiration of 19 months from the priority date, the applicant is reminded that he must, subject to the following paragraph, enter the national phase within 20 months from the priority date (or later in some Offices) before some of the designated Offices in respect of which Article 22(1), as modified with effect of 1 April 2002, does not apply, by paying the national fee(s) and furnishing, if prescribed, a translation of the international application.

However, in respect of most other designated Offices, the time limit of 30 months (or later) may nevertheless apply. See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters, the *PCT Newsletter* and the WIPO Internet site, updated regularly.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  Idhir Britel
Facsimile No.+41 22 740 14 35	Facsimile No.+41 22 338 70 60



# PCT

## REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference  
(if desired) (12 characters maximum) 61.S3502WO18

<b>Box No. I TITLE OF INVENTION</b> An electric motor for an electric fan and a method for assembly of the electric motor.	
<b>Box No. II APPLICANT</b> <input type="checkbox"/> This person is also inventor	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) SPAL S.r.l. Via per Carpi, 26/B 42015 COREGGIO ITALY	
State (that is, country) of nationality: ITALY	Telephone No. Facsimile No. Teleprinter No. Applicant's registration No. with the Office
State (that is, country) of residence: ITALY	
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input checked="" type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
<b>Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)</b>	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) SPAGGIARI Alessandro Via Leonardo da Vinci, 8 42015 CORREGGIO ITALY	
State (that is, country) of nationality: ITALY	This person is: <input type="checkbox"/> applicant only <input checked="" type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of residence: ITALY	
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input checked="" type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
<input type="checkbox"/> Further applicants and/or (further) inventors are indicated on a continuation sheet.	
<b>Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE</b>	
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: <input checked="" type="checkbox"/> agent <input type="checkbox"/> common representative	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) FUOCHI Riccardo BUGNION S.p.A. Via goito, 18 40126 BOLOGNA ITALY	
Telephone No. 051 6583311 Facsimile No. 051 6583400 Teleprinter No. Agent's registration No. with the Office	
<input type="checkbox"/> Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.	

**Box No. V DESIGNATIONS**

The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.

However,

- ☐ DE Germany is not designated for any kind of national protection
- ☐ KR Republic of Korea is not designated for any kind of national protection
- ☐ RU Russian Federation is not designated for any kind of national protection

*(The check-boxes above may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. See the Notes to Box No. V as to the consequences of such national law provisions in these and certain other States.)*

**Box No. VI PRIORITY CLAIM**

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1) 30 September 2003 (30.09.2003)	BO2003A000563	ITALY		
item (2)				
item (3)				

☐ Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

☐ all items    ☐ item (1)    ☐ item (2)    ☐ item (3)    ☐ other, see Supplemental Box

\* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)): . . . .

**Box No. VII INTERNATIONAL SEARCHING AUTHORITY**

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA / EP

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)

Number

Country (or regional Office)

**Box No. VIII DECLARATIONS**

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of  
declarations

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Box No. VIII (i)   | Declaration as to the identity of the inventor   | : |
| <input type="checkbox"/> Box No. VIII (ii)  | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent             | : |
| <input type="checkbox"/> Box No. VIII (iii) | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | : |
| <input type="checkbox"/> Box No. VIII (iv)  | Declaration of inventorship (only for the purposes of the designation of the United States of America)                               | : |
| <input type="checkbox"/> Box No. VIII (v)   | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty   | : |

**Box No. IX CHECK LIST; LANGUAGE OF FILING**

This international application contains:		This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):		Number of items
(a) in paper form, the following number of sheets:		1. <input checked="" type="checkbox"/> fee calculation sheet	:	1
request (including declaration sheets)	: 3	2. <input checked="" type="checkbox"/> original separate power of attorney	:	1
description (excluding sequence listing and/or tables related thereto)	: 9	3. <input type="checkbox"/> original general power of attorney	:	
claims	: 3	4. <input type="checkbox"/> copy of general power of attorney; reference number, if any:	:	
abstract	: 1	5. <input type="checkbox"/> statement explaining lack of signature	:	
drawings	: 1	6. <input checked="" type="checkbox"/> priority document(s) identified in Box No. VI as item(s):	:	1
<b>Sub-total number of sheets</b>	<b>17</b>	7. <input checked="" type="checkbox"/> translation of international application into (language): ENGLISH	:	1
sequence listing	:	8. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material	:	
tables related thereto	:	9. <input type="checkbox"/> sequence listing in computer readable form (indicate type and number of carriers)	:	
(for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below)		(i) <input type="checkbox"/> copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)	:	
<b>Total number of sheets</b>	<b>17</b>	(ii) <input type="checkbox"/> (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter	:	
(b) <input type="checkbox"/> only in computer readable form (Section 801(a)(i))		(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listing mentioned in left column	:	
(i) <input type="checkbox"/> sequence listing		10. <input type="checkbox"/> tables in computer readable form related to sequence listing (indicate type and number of carriers)	:	
(ii) <input type="checkbox"/> tables related thereto		(i) <input type="checkbox"/> copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application)	:	
(c) <input type="checkbox"/> also in computer readable form (Section 801(a)(ii))		(ii) <input type="checkbox"/> (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)	:	
(i) <input type="checkbox"/> sequence listing		(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column	:	
(ii) <input type="checkbox"/> tables related thereto		11. <input type="checkbox"/> other (specify):	:	
<b>Type and number of carriers</b> (diskette, CD-ROM, CD-R or other) on which are contained the				
<input type="checkbox"/> sequence listing:				
<input type="checkbox"/> tables related thereto:				
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)				
<b>Figure of the drawings which should accompany the abstract:</b>	<b>1</b>	<b>Language of filing of the international application:</b>	<b>ITALIAN</b>	

**Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

*Riccardo Fuochi*  
(Riccardo FUOCHI) - Agent

For receiving Office use only

1. Date of actual receipt of the purported international application:	2. Drawings: <input type="checkbox"/> received:  <input type="checkbox"/> not received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	
5. International Searching Authority (if two or more are competent): ISA /	6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid

For International Bureau use only

Date of receipt of the record copy by the International Bureau:

# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

SPAL S.r.l.  
Via per Carpi, 26/B  
42015 CORREGGIO (REGGIO EMILIA)  
ITALY

SPAGGIARI Alessandro  
Via Leonardo da Vinci, 8  
42015 CORREGGIO (REGGIO EMILIA)  
ITALY

hereby appoints (appoint) the following person as:



agent



common representative

### Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

FUOCHI Riccardo, LANZONI Luciano  
BUGNION S.p.A.  
Via Goito, 18  
40126 BOLOGNA  
ITALY

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

**Title of the invention:** An electric motor for an electric fan and a method  
for assembly of the electric motor.

**Applicant's or agent's file reference:** 61.S3502WO18


**International application number (if already available):**

filed with the following Office International Bureau of WIPO - GENEVA as receiving Office  
and to make or receive payments on behalf of the undersigned.

**Signature of the applicant(s)** (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

SPAL S.r.l.

  
(Alessandro SPAGGIARI) - Sole Director

  
(Alessandro SPAGGIARI)

Date: September 21, 2004